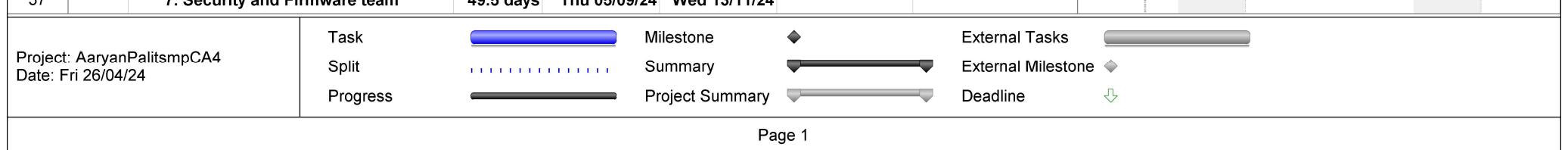
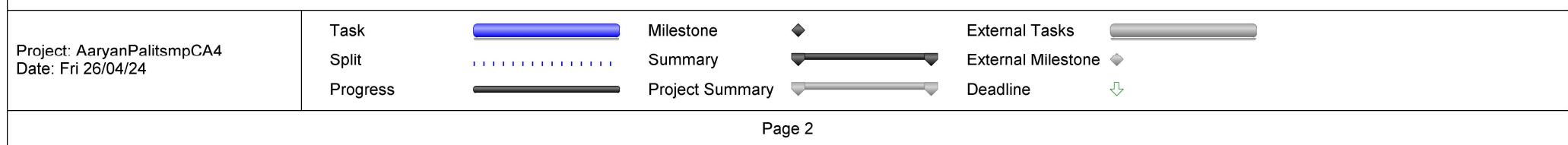


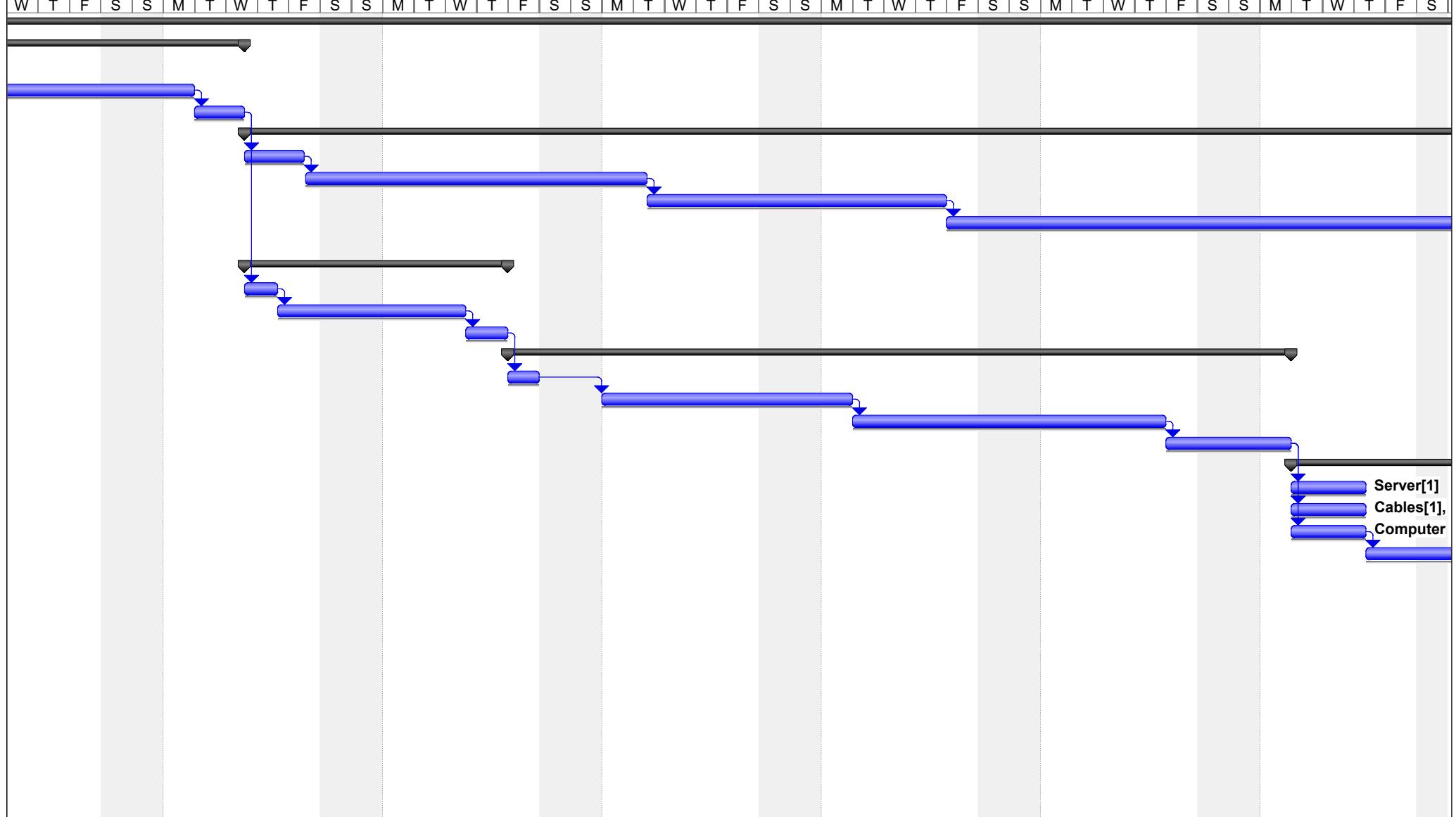
ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	4 W T F S S M T W T F S S M T	29 Apr '24	06 May '24
1	0. WhatsApp Application	234.5 days	Fri 26/04/24	Thu 20/03/25					
2	1. Analysis of Requirements	13.67 days	Fri 26/04/24	Wed 15/05/24					
3	1.1 Requirements Feasibility study	7.5 days	Fri 26/04/24	Tue 07/05/24					
4	1.2 Requirement Analysis	4.5 days	Tue 07/05/24	Mon 13/05/24	3				
5	1.3 Decicision meeting	1.67 days	Tue 14/05/24	Wed 15/05/24	4				
6	2. Hiring/Renting	34.83 days	Wed 15/05/24	Wed 03/07/24					
7	2.1 Need analysis for new personnel	1.83 days	Wed 15/05/24	Fri 17/05/24	5				
8	2.2 Hiring of new candidates	6.83 days	Fri 17/05/24	Tue 28/05/24	7				
9	2.3 Hiring freelancers	7.67 days	Tue 28/05/24	Thu 06/06/24	8				
10	2.4 Training new candidates	15.17 days	Fri 07/06/24	Fri 28/06/24	9				
11	2.4 Renting new technology	3.33 days	Fri 28/06/24	Wed 03/07/24	10				
12	3. Team Formation	6.33 days	Wed 15/05/24	Thu 23/05/24					
13	3.1 Team meeting	1.17 days	Wed 15/05/24	Thu 16/05/24	5				
14	3.2 Strategy Formation	4 days	Thu 16/05/24	Wed 22/05/24	13				
15	3.3 Work allotment	1.17 days	Wed 22/05/24	Thu 23/05/24	14				
16	4. Designing	17 days	Fri 24/05/24	Mon 17/06/24		Designer			
17	4.1 Team meeting	1 day	Fri 24/05/24	Fri 24/05/24	15				
18	4.2 Design strategy and planniing	6 days	Mon 27/05/24	Mon 03/06/24	17				
19	4.3 Designing modules according to requirement	8 days	Tue 04/06/24	Thu 13/06/24	18				
20	4.3 Design approval	2 days	Fri 14/06/24	Mon 17/06/24	19				
21	5. Hardware allocation	20.5 days	Tue 18/06/24	Tue 16/07/24					
22	5.1 Renting appropriate server	2.17 days	Tue 18/06/24	Thu 20/06/24	20		Server[1]		
23	5.2 Buying the cables, chips	2.17 days	Tue 18/06/24	Thu 20/06/24	20		Cables[1],Chips and Components[1]		
24	5.3 Buying computers and laptops	2.17 days	Tue 18/06/24	Thu 20/06/24	20		Computers/Laptops[1]		
25	5.4 Quality checking the resources	2.17 days	Thu 20/06/24	Mon 24/06/24	24				
26	5.5 Setting up the system	5 days	Mon 24/06/24	Mon 01/07/24	25				
27	5.6 Dependency checkup	5.17 days	Mon 01/07/24	Mon 08/07/24	26				
28	5.7 Final System Harware checkup	6 days	Mon 08/07/24	Tue 16/07/24	27				
29	6. Coding	45.67 days	Tue 16/07/24	Wed 18/09/24		Coder			
30	6.1 Analysis of Design Blue Print	4.33 days	Tue 16/07/24	Mon 22/07/24	28		Coder		
31	6.2 Coding the modules	10.17 days	Mon 22/07/24	Mon 05/08/24	30				
32	6.3 Unit Testing the modules	7 days	Tue 06/08/24	Wed 14/08/24	31				
33	6.4 Combining the modules	7 days	Thu 15/08/24	Fri 23/08/24	32				
34	6.5 Dependency and Latency checkup	4.5 days	Mon 26/08/24	Fri 30/08/24	33		Freelancers		
35	6.6 Resolving the dependency	8.67 days	Thu 05/09/24	Wed 18/09/24	34		Coder		
36	6.7 Resolving Latency	4 days	Fri 30/08/24	Thu 05/09/24	34		Coder		
37	7. Security and Firmware team	49.5 days	Thu 05/09/24	Wed 13/11/24					



ID	Task Name	Duration	Start	Finish	Predecessors	Resource Names	4				29 Apr '24				06 May '24				
							W	T	F	S	S	M	T	W	T	F	S	S	M
38	7.1 End to end encryption formation	24.83 days	Thu 05/09/24	Thu 10/10/24	36	Freelancers,Coder													
39	7.2 Data Security norms checkup	9.17 days	Thu 10/10/24	Wed 23/10/24	38	Coder													
40	7.3 Firmware formation	5.17 days	Wed 23/10/24	Wed 30/10/24	39														
41	7.4 Image and Video encryption/h/d	5.17 days	Wed 30/10/24	Wed 06/11/24	40														
42	7.5 Testing each security features	5.17 days	Wed 06/11/24	Wed 13/11/24	41														
43	8. Testing	44.5 days	Wed 06/11/24	Wed 08/01/25		Testers													
44	8.1 Unit Testing	18.33 days	Wed 06/11/24	Tue 03/12/24	41														
45	8.2 Integration testing several mod	11.67 days	Tue 03/12/24	Wed 18/12/24	44														
46	8.3 System Testing	14.5 days	Wed 18/12/24	Wed 08/01/25	45														
47	9. Maintenance and deployment	19.83 days	Wed 08/01/25	Wed 05/02/25															
48	9.1 Application Deployment	2 days	Wed 08/01/25	Fri 10/01/25	46														
49	9.2 System checkup	4.5 days	Fri 10/01/25	Thu 16/01/25	48														
50	9.3 Security Checkup	3.67 days	Fri 10/01/25	Wed 15/01/25	48														
51	9.3 Updating the current version	14.17 days	Thu 16/01/25	Wed 05/02/25	50														
52	10. Advertisement	19.67 days	Wed 05/02/25	Tue 04/03/25	51														
53	11. Report Generation	5 days	Tue 04/03/25	Tue 11/03/25	52														
54	12. Report Analysis	6.67 days	Tue 11/03/25	Thu 20/03/25	53														



4		13 May '24		20 May '24		27 May '24		03 Jun '24		10 Jun '24		17 Jun '24
W	T	F	S	S	M	T	W	T	F	S	S	M



Project: AaryanPalitsmpCA4
Date: Fri 26/04/24

Task



Milestone



External Tasks



Split



Summary



External Milestone



Progress



Project Summary



Deadline



4		13 May '24					20 May '24					27 May '24					03 Jun '24					10 Jun '24					17 Jun '24					
W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S

Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

The Gantt chart displays the following tasks and their progress:

- Chips and Controllers**: A task starting on Jun 24 and ending on Jul 15. It has a dependency on **Laptops**.
- Laptops**: A task starting on Jun 24 and ending on Jul 15. It has dependencies on **Processor** and **Memory**.
- Processor**: A task starting on Jun 24 and ending on Jul 15.
- Memory**: A task starting on Jun 24 and ending on Jul 15.
- Coder**: A task starting on Jul 15 and ending on Aug 5.
- Project Summary**: A summary bar at the bottom spanning from Jul 15 to Aug 5.

Legend:

- Task: Represented by blue bars.
- Milestone: Represented by a diamond symbol.
- External Tasks: Represented by grey bars.
- Summary: Represented by a black bar.
- External Milestone: Represented by a diamond symbol.
- Deadline: Represented by a green downward arrow symbol.
- Project Summary: Represented by a grey bar.

Project Details:

- Project: AaryanPalitsmpCA4
- Date: Fri 26/04/24

	24 Jun '24						01 Jul '24						08 Jul '24						15 Jul '24						22 Jul '24						29 Jul '24						05 Aug '24								
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W							

Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

The Gantt chart displays the project timeline from August 12, 2024, to September 16, 2024. The tasks are represented by blue bars, and the timeline is divided into weekly intervals. Milestones are indicated by diamonds, and external tasks are shown as grey bars.

Tasks:

- Freelancers**: A task starting on Aug 12 and ending on Aug 26.
- Coder**: A task starting on Aug 26 and ending on Sep 16.

Milestones:

- Aug 12: Diamond marker at the start of the Freelancers task.
- Aug 26: Diamond marker at the end of the Freelancers task and the start of the Coder task.
- Sep 16: Diamond marker at the end of the Coder task.

External Tasks:

- A grey bar representing an external task spans from Aug 12 to Aug 26, aligned with the Freelancers task.
- A grey bar representing an external task spans from Aug 26 to Sep 16, aligned with the Coder task.

Project Summary:

- Progress: A black bar indicating the completion of the Freelancers task and the start of the Coder task.
- Deadline: A grey bar indicating the end of the Coder task.

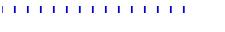
Legend:

- Task: Represented by a blue bar.
- Milestone: Represented by a diamond marker.
- External Tasks: Represented by a grey bar.
- External Milestone: Represented by a diamond marker.
- Deadline: Represented by a green downward-pointing arrow.

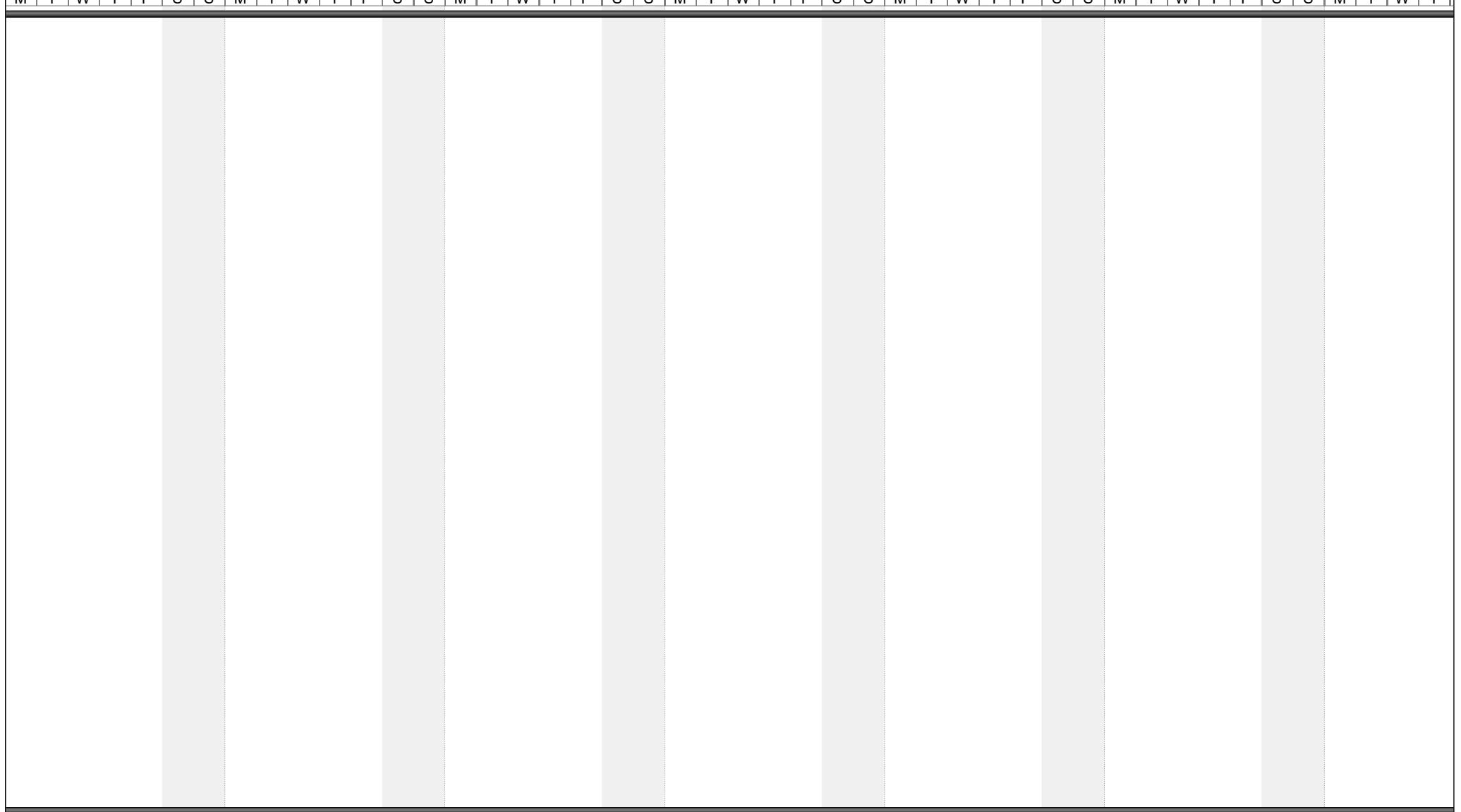
Project Details:

- Project: AaryanPalitsmpCA4
- Date: Fri 26/04/24

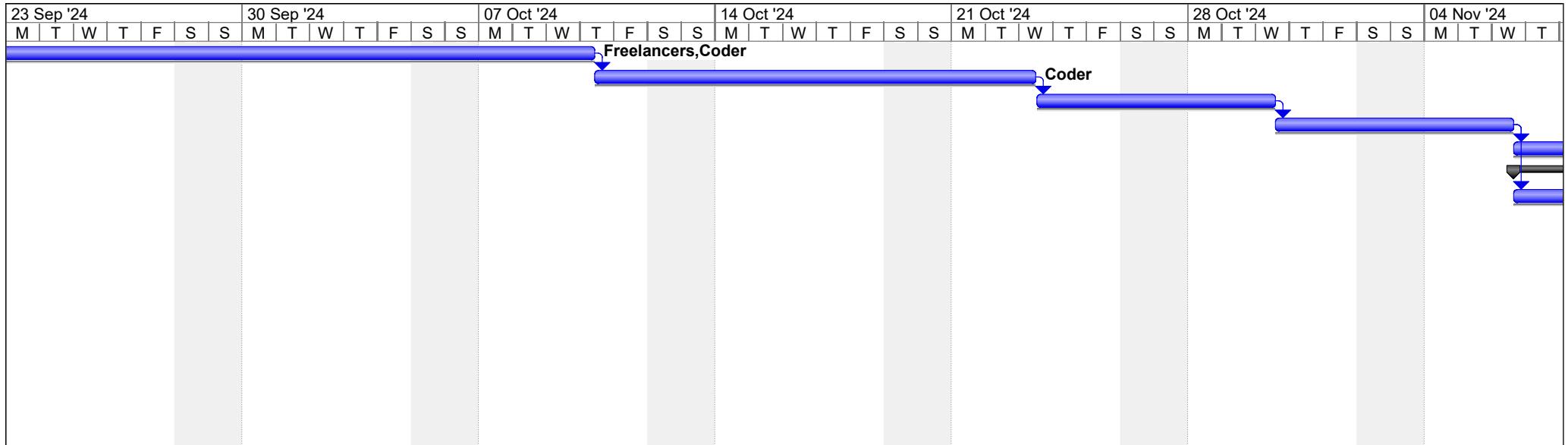
		12 Aug '24					19 Aug '24					26 Aug '24					02 Sep '24					09 Sep '24					16 Sep '24						
T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S		

Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

23 Sep '24		30 Sep '24		07 Oct '24		14 Oct '24		21 Oct '24		28 Oct '24		04 Nov '24	
M	T	M	T	M	T	M	T	M	T	M	T	M	T

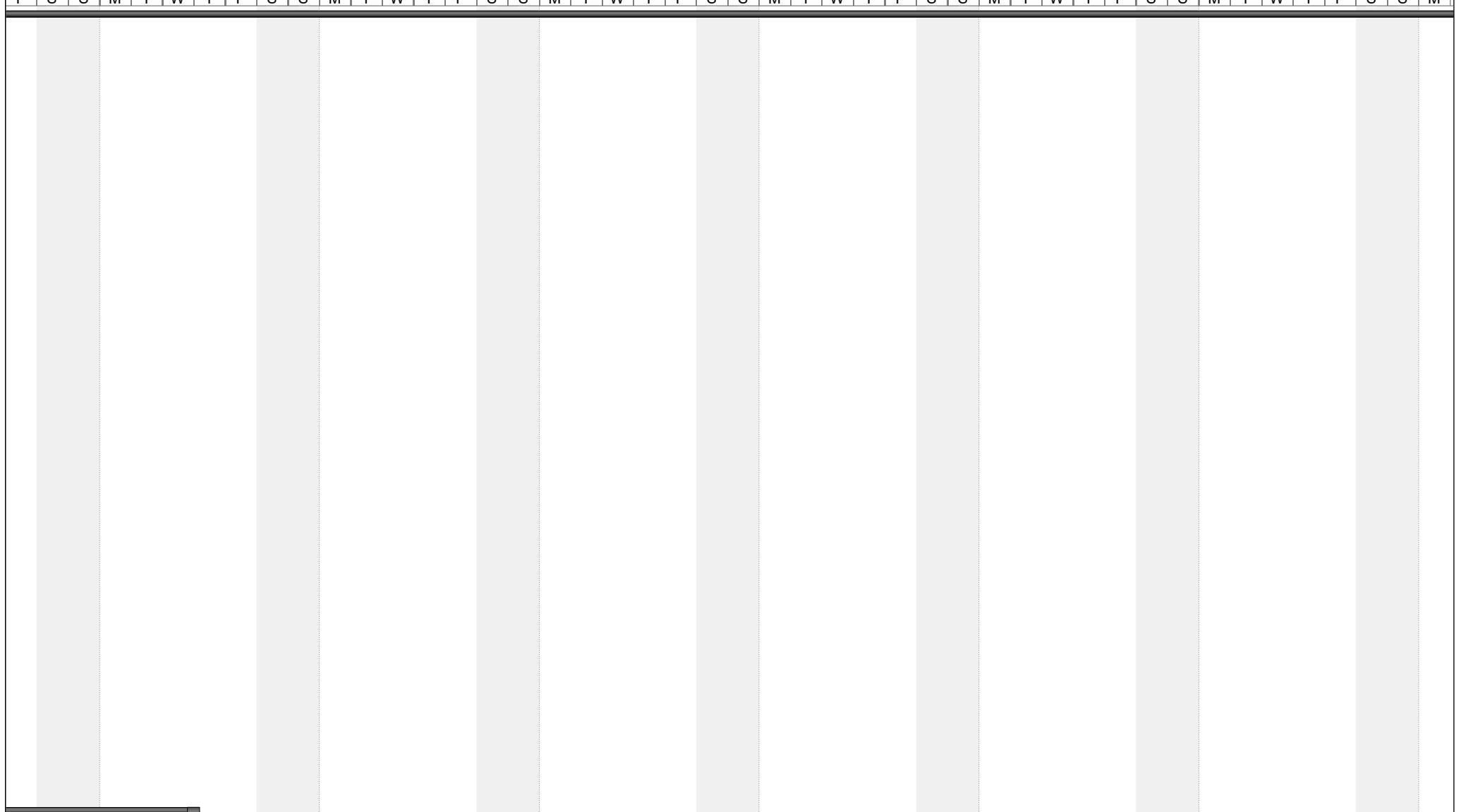


Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	



Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

	11 Nov '24				18 Nov '24				25 Nov '24				02 Dec '24				09 Dec '24				16 Dec '24				
	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M



Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

Project: AaryanPalitsmpCA4
Date: Fri 26/04/24

Task



Milestone



External Tasks



Split



Summary



External Milestone

Progress



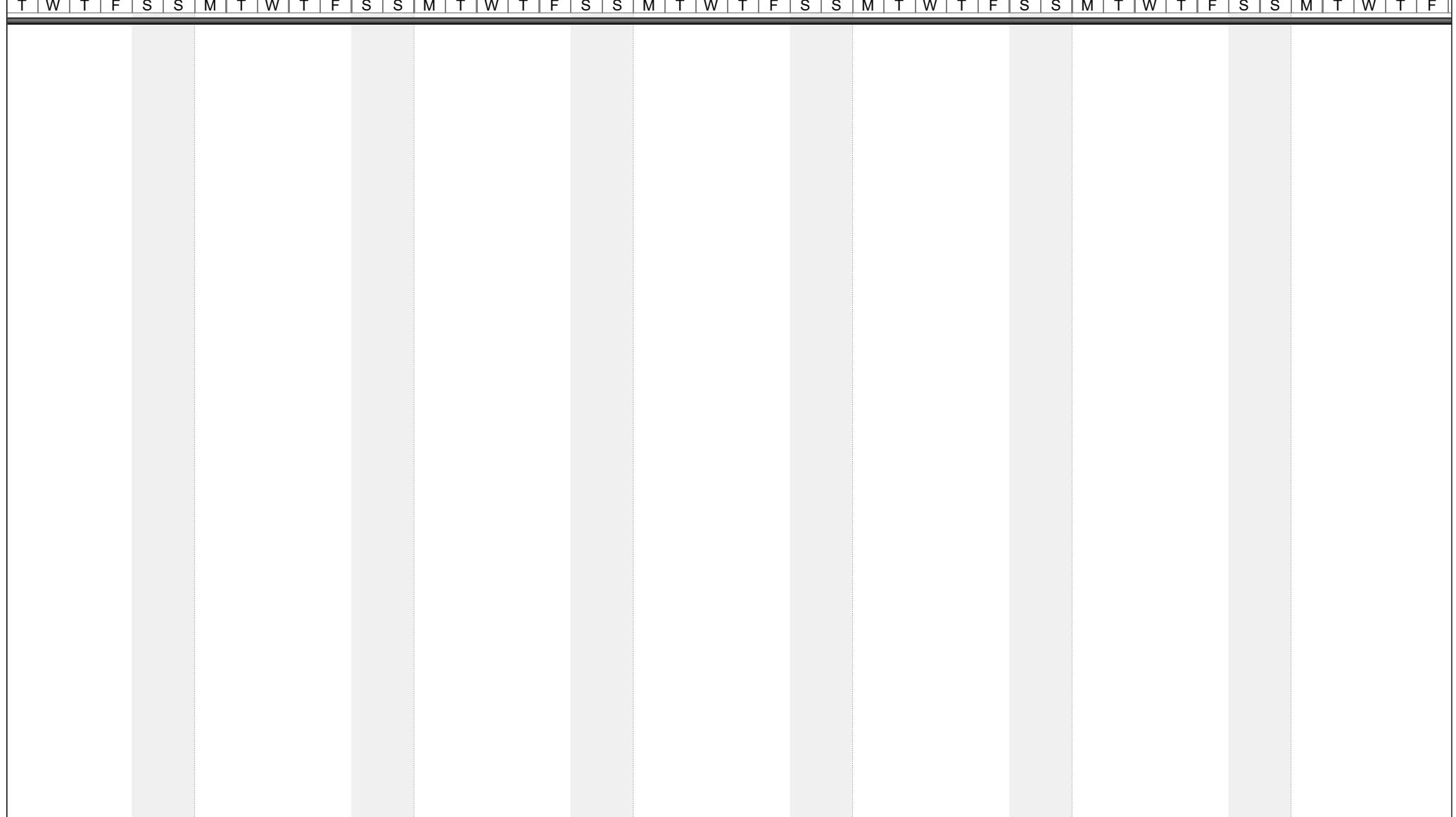
Project Summary



Deadline



ec '24		30 Dec '24		06 Jan '25		13 Jan '25		20 Jan '25		27 Jan '25		03 Feb '25	
T	W	T	F	S	S	M	T	W	T	F	S	S	M



Project: AaryanPalitsmpCA4
Date: Fri 26/04/24

Task



Milestone



External Tasks



Split



Summary



External Milestone



Progress

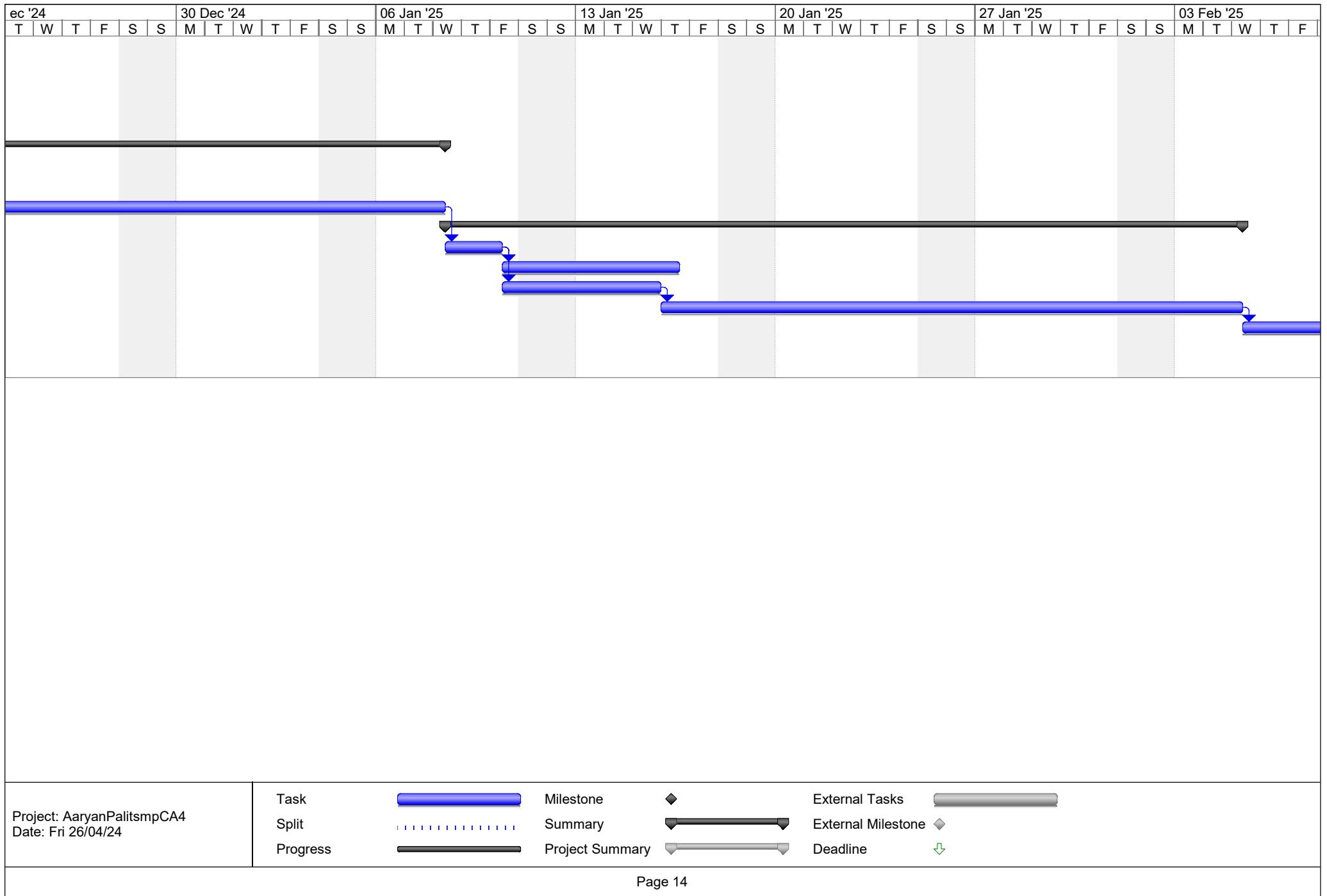


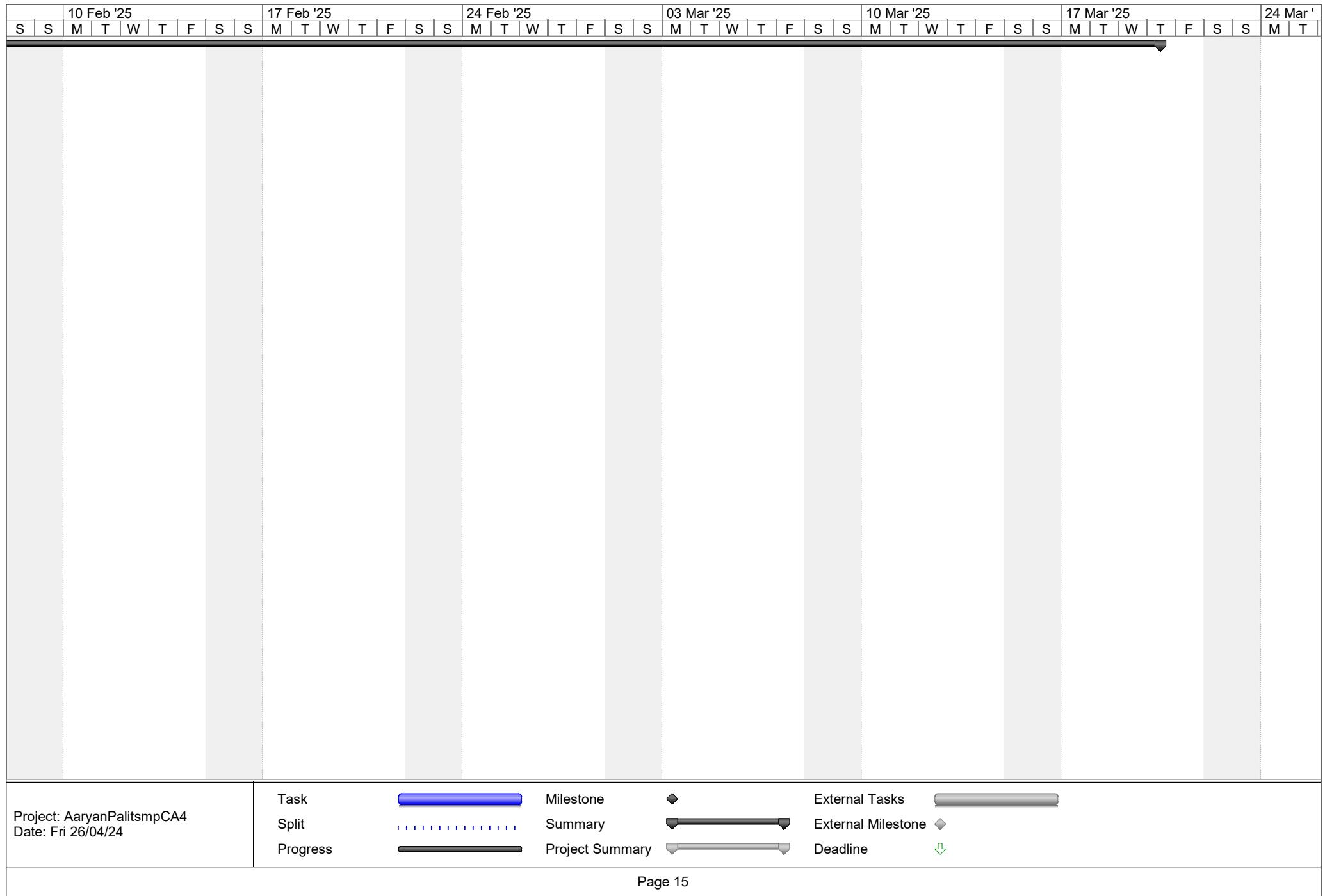
Project Summary



Deadline

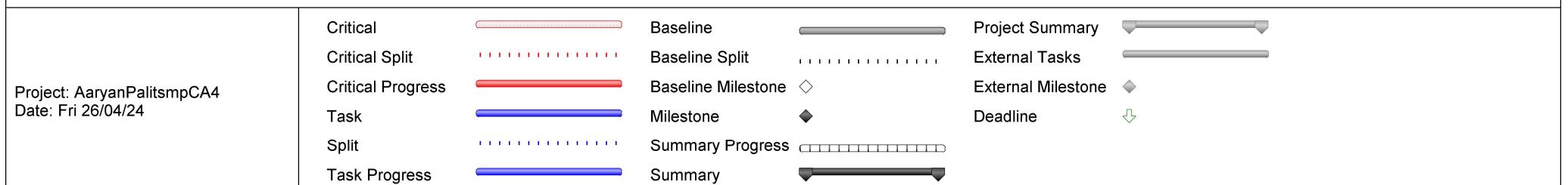




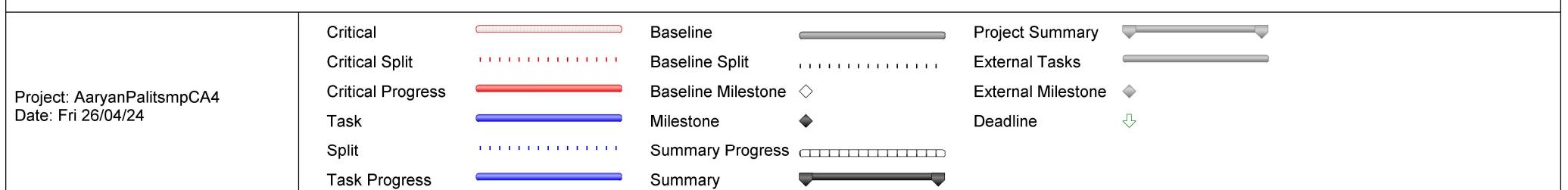


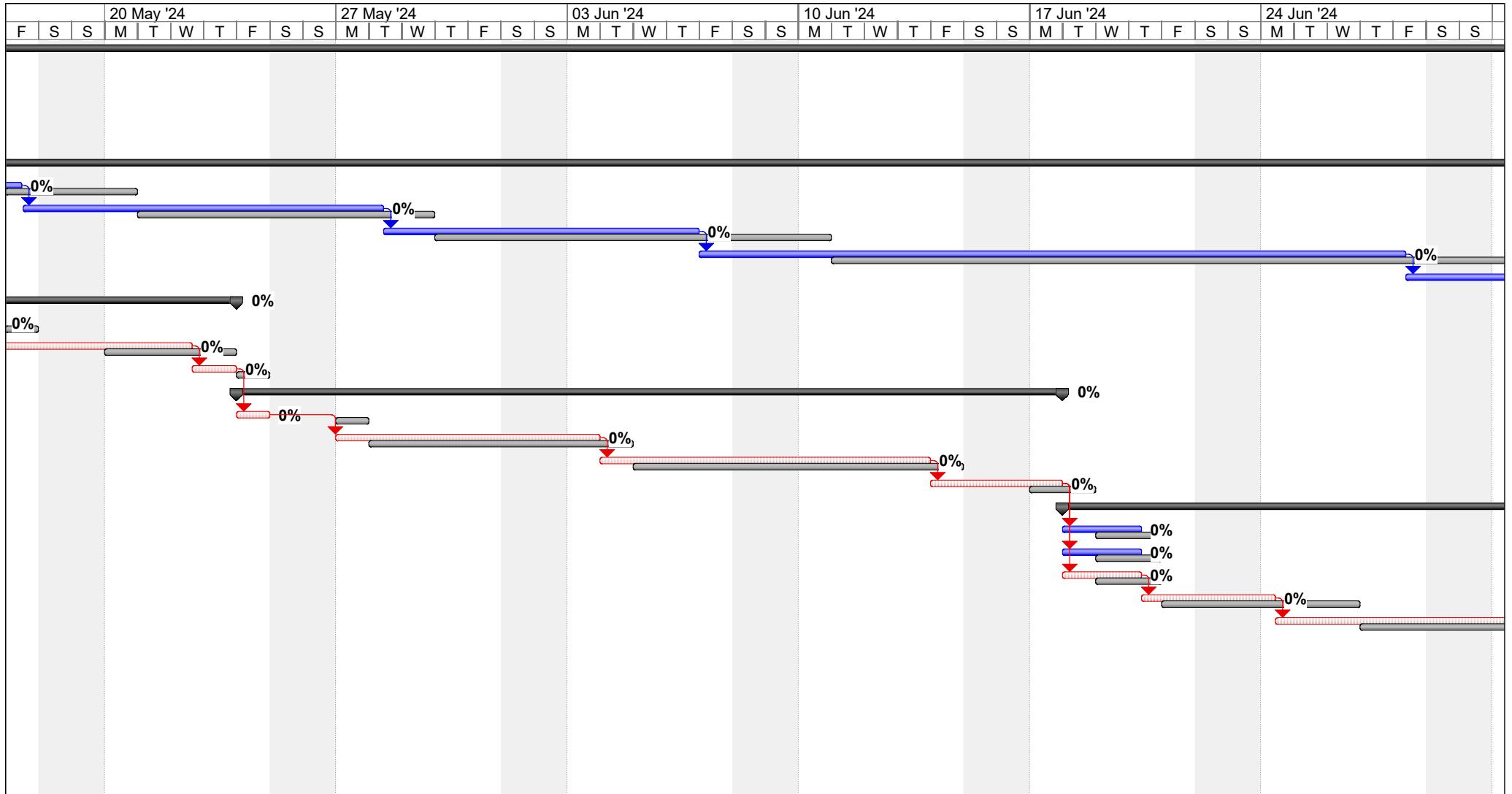
Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Task		Milestone		External Tasks	
	Split		Summary		External Milestone	
	Progress		Project Summary		Deadline	

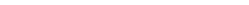
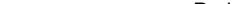
ID	Task Name	Duration	Start	Finish		29 Apr '24	06 May '24	13 May '24										
			T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F
1	0. WhatsApp Application	234.5 days	Fri 26/04/24	Thu 20/03/25														
2	1. Analysis of Requirements	13.67 days	Fri 26/04/24	Wed 15/05/24														0%
3	1.1 Requirements Feasibility study	7.5 days	Fri 26/04/24	Tue 07/05/24														0%
4	1.2 Requirement Analysis	4.5 days	Tue 07/05/24	Mon 13/05/24														0%
5	1.3 Decicision meeting	1.67 days	Tue 14/05/24	Wed 15/05/24														0%
6	2. Hiring/Renting	34.83 days	Wed 15/05/24	Wed 03/07/24														
7	2.1 Need analysis for new personnel	1.83 days	Wed 15/05/24	Fri 17/05/24														
8	2.2 Hiring of new candidates	6.83 days	Fri 17/05/24	Tue 28/05/24														
9	2.3 Hiring freelancers	7.67 days	Tue 28/05/24	Thu 06/06/24														
10	2.4 Training new candidates	15.17 days	Fri 07/06/24	Fri 28/06/24														
11	2.4 Renting new technology	3.33 days	Fri 28/06/24	Wed 03/07/24														
12	3. Team Formation	6.33 days	Wed 15/05/24	Thu 23/05/24														
13	3.1 Team meeting	1.17 days	Wed 15/05/24	Thu 16/05/24														
14	3.2 Strategy Formation	4 days	Thu 16/05/24	Wed 22/05/24														
15	3.3 Work allotment	1.17 days	Wed 22/05/24	Thu 23/05/24														
16	4. Designing	17 days	Fri 24/05/24	Mon 17/06/24														
17	4.1 Team meeting	1 day	Fri 24/05/24	Fri 24/05/24														
18	4.2 Design strategy and planniing	6 days	Mon 27/05/24	Mon 03/06/24														
19	4.3 Designing modules according to requirement	8 days	Tue 04/06/24	Thu 13/06/24														
20	4.3 Design approval	2 days	Fri 14/06/24	Mon 17/06/24														
21	5. Hardware allocation	20.5 days	Tue 18/06/24	Tue 16/07/24														
22	5.1 Renting appropriate server	2.17 days	Tue 18/06/24	Thu 20/06/24														
23	5.2 Buying the cables, chips	2.17 days	Tue 18/06/24	Thu 20/06/24														
24	5.3 Buying computers and laptops	2.17 days	Tue 18/06/24	Thu 20/06/24														
25	5.4 Quality checking the resources	2.17 days	Thu 20/06/24	Mon 24/06/24														
26	5.5 Setting up the system	5 days	Mon 24/06/24	Mon 01/07/24														
27	5.6 Dependency checkup	5.17 days	Mon 01/07/24	Mon 08/07/24														
28	5.7 Final System Harware checkup	6 days	Mon 08/07/24	Tue 16/07/24														
29	6. Coding	45.67 days	Tue 16/07/24	Wed 18/09/24														
30	6.1 Analysis of Design Blue Print	4.33 days	Tue 16/07/24	Mon 22/07/24														
31	6.2 Coding the modules	10.17 days	Mon 22/07/24	Mon 05/08/24														
32	6.3 Unit Testing the modules	7 days	Tue 06/08/24	Wed 14/08/24														
33	6.4 Combining the modules	7 days	Thu 15/08/24	Fri 23/08/24														



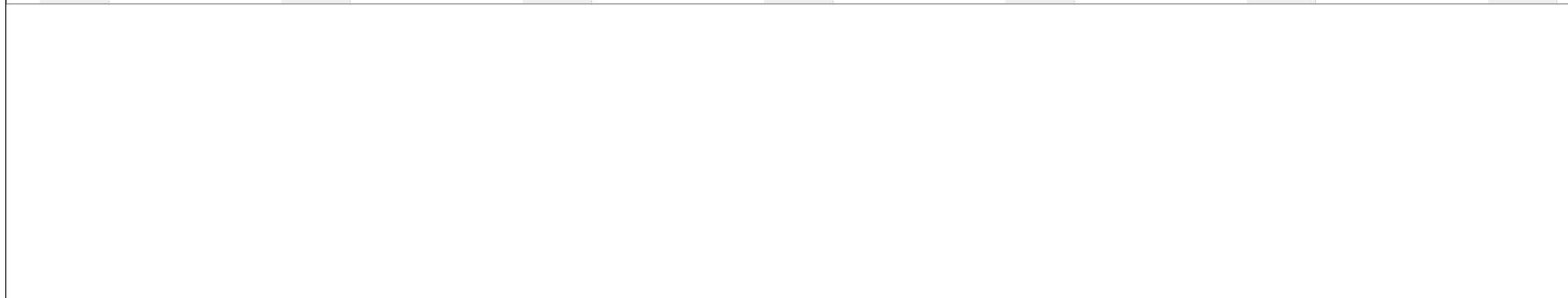
ID	Task Name	Duration	Start	Finish			29 Apr '24					06 May '24					13 May '24									
					T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T
34	6.5 Dependency and Latency check	4.5 days	Mon 26/08/24	Fri 30/08/24																						
35	6.6 Resolving the dependency	8.67 days	Thu 05/09/24	Wed 18/09/24																						
36	6.7 Resolving Latency	4 days	Fri 30/08/24	Thu 05/09/24																						
37	7. Security and Firmware team	49.5 days	Thu 05/09/24	Wed 13/11/24																						
38	7.1 End to end encryption formation	24.83 days	Thu 05/09/24	Thu 10/10/24																						
39	7.2 Data Security norms checkup	9.17 days	Thu 10/10/24	Wed 23/10/24																						
40	7.3 Firmware formation	5.17 days	Wed 23/10/24	Wed 30/10/24																						
41	7.4 Image and Video encryption/hd	5.17 days	Wed 30/10/24	Wed 06/11/24																						
42	7.5 Testing each security features	5.17 days	Wed 06/11/24	Wed 13/11/24																						
43	8. Testing	44.5 days	Wed 06/11/24	Wed 08/01/25																						
44	8.1 Unit Testing	18.33 days	Wed 06/11/24	Tue 03/12/24																						
45	8.2 Integration testing several mod	11.67 days	Tue 03/12/24	Wed 18/12/24																						
46	8.3 System Testing	14.5 days	Wed 18/12/24	Wed 08/01/25																						
47	9. Maintenance and deployment	19.83 days	Wed 08/01/25	Wed 05/02/25																						
48	9.1 Application Deployment	2 days	Wed 08/01/25	Fri 10/01/25																						
49	9.2 System checkup	4.5 days	Fri 10/01/25	Thu 16/01/25																						
50	9.3 Security Checkup	3.67 days	Fri 10/01/25	Wed 15/01/25																						
51	9.3 Updating the current version	14.17 days	Thu 16/01/25	Wed 05/02/25																						
52	10. Advertisement	19.67 days	Wed 05/02/25	Tue 04/03/25																						
53	11. Report Generation	5 days	Tue 04/03/25	Tue 11/03/25																						
54	12. Report Analysis	6.67 days	Tue 11/03/25	Thu 20/03/25																						



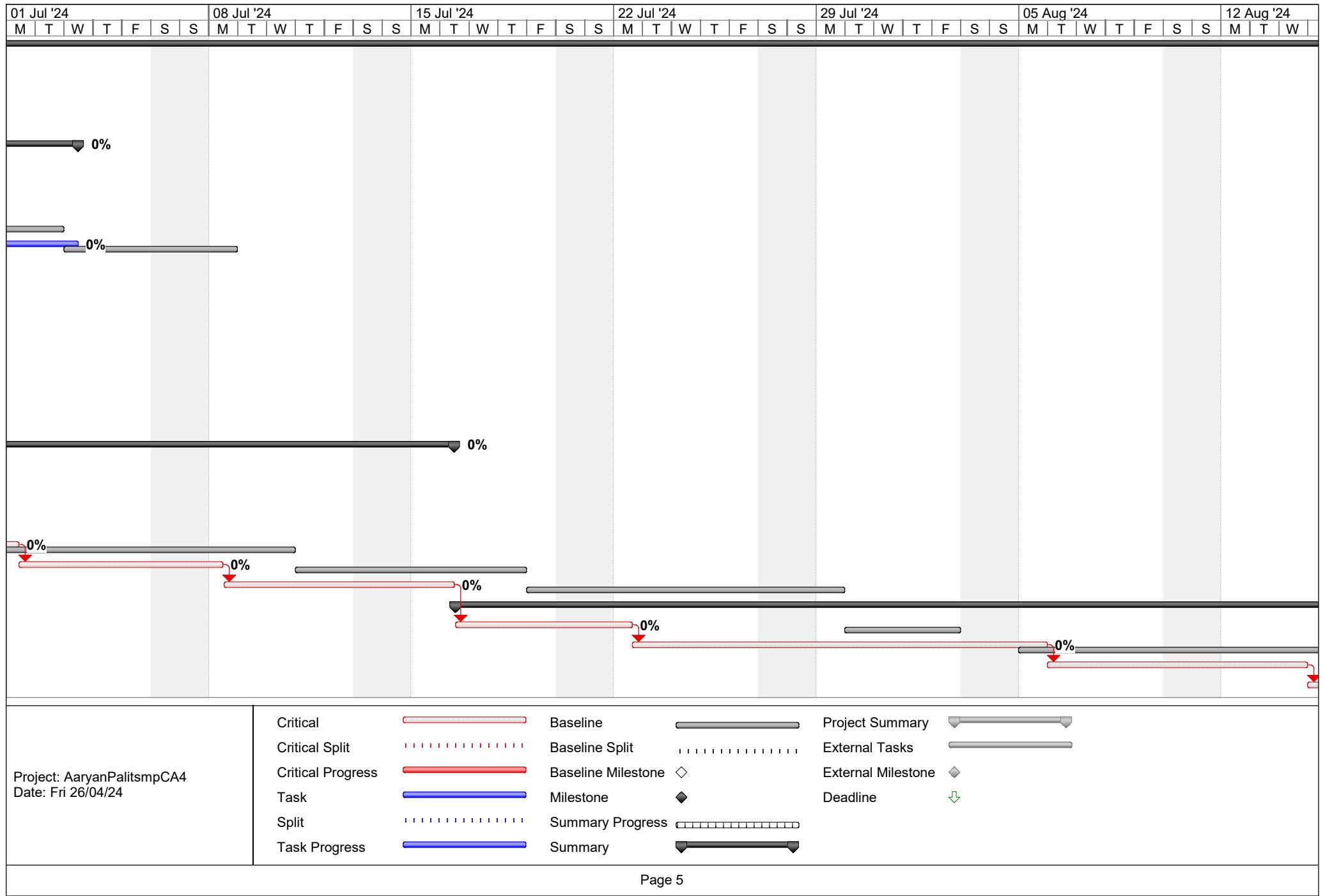


Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Critical		Baseline		Project Summary	
	Critical Split		Baseline Split		External Tasks	
	Critical Progress		Baseline Milestone		External Milestone	
	Task		Milestone		Deadline	
	Split		Summary Progress			
	Task Progress		Summary			

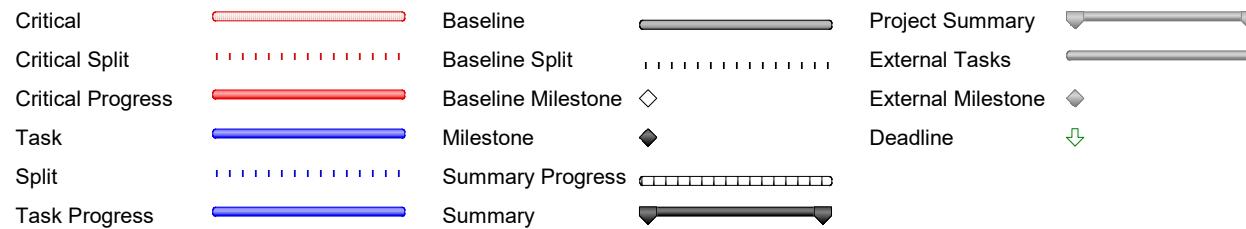
		20 May '24	27 May '24	03 Jun '24	10 Jun '24	17 Jun '24	24 Jun '24																	
F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	

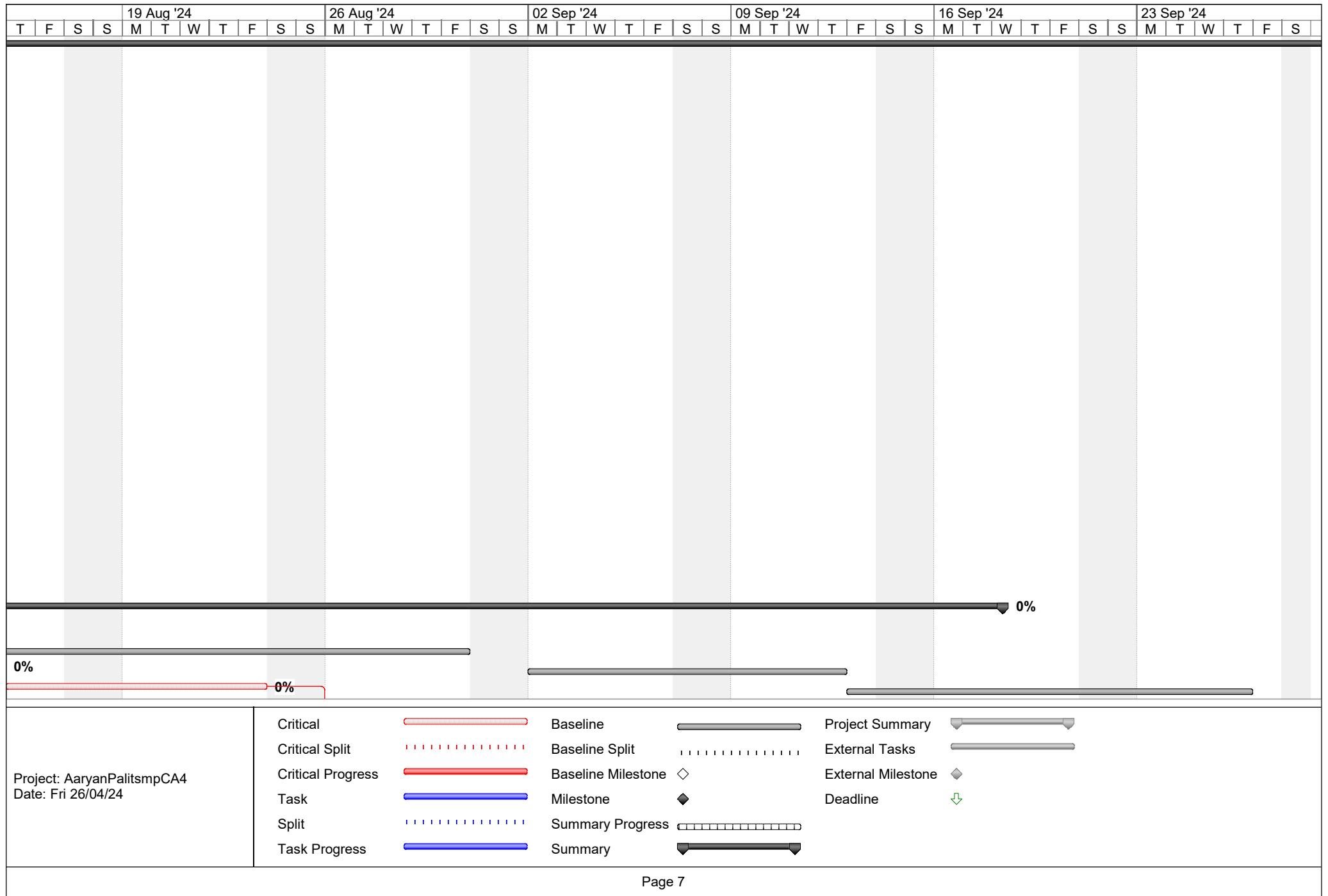


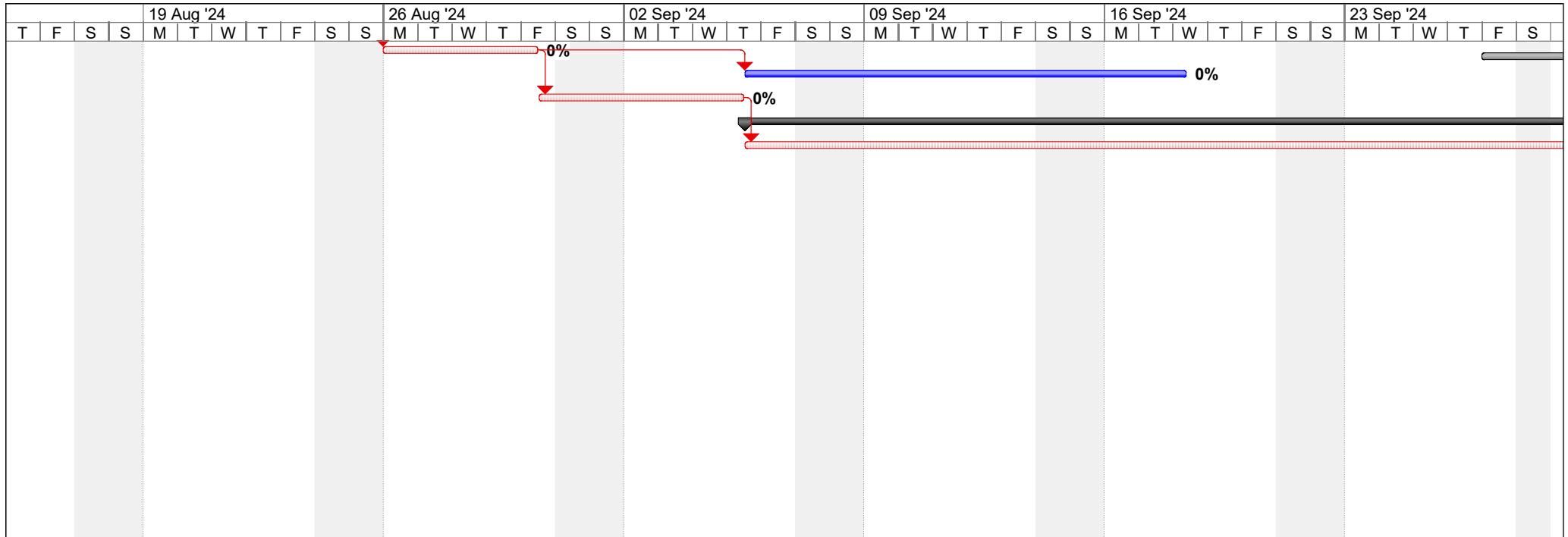
Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Critical		Baseline		Project Summary	
	Critical Split		Baseline Split		External Tasks	
	Critical Progress		Baseline Milestone		External Milestone	
	Task		Milestone		Deadline	
	Split		Summary Progress			
	Task Progress		Summary			



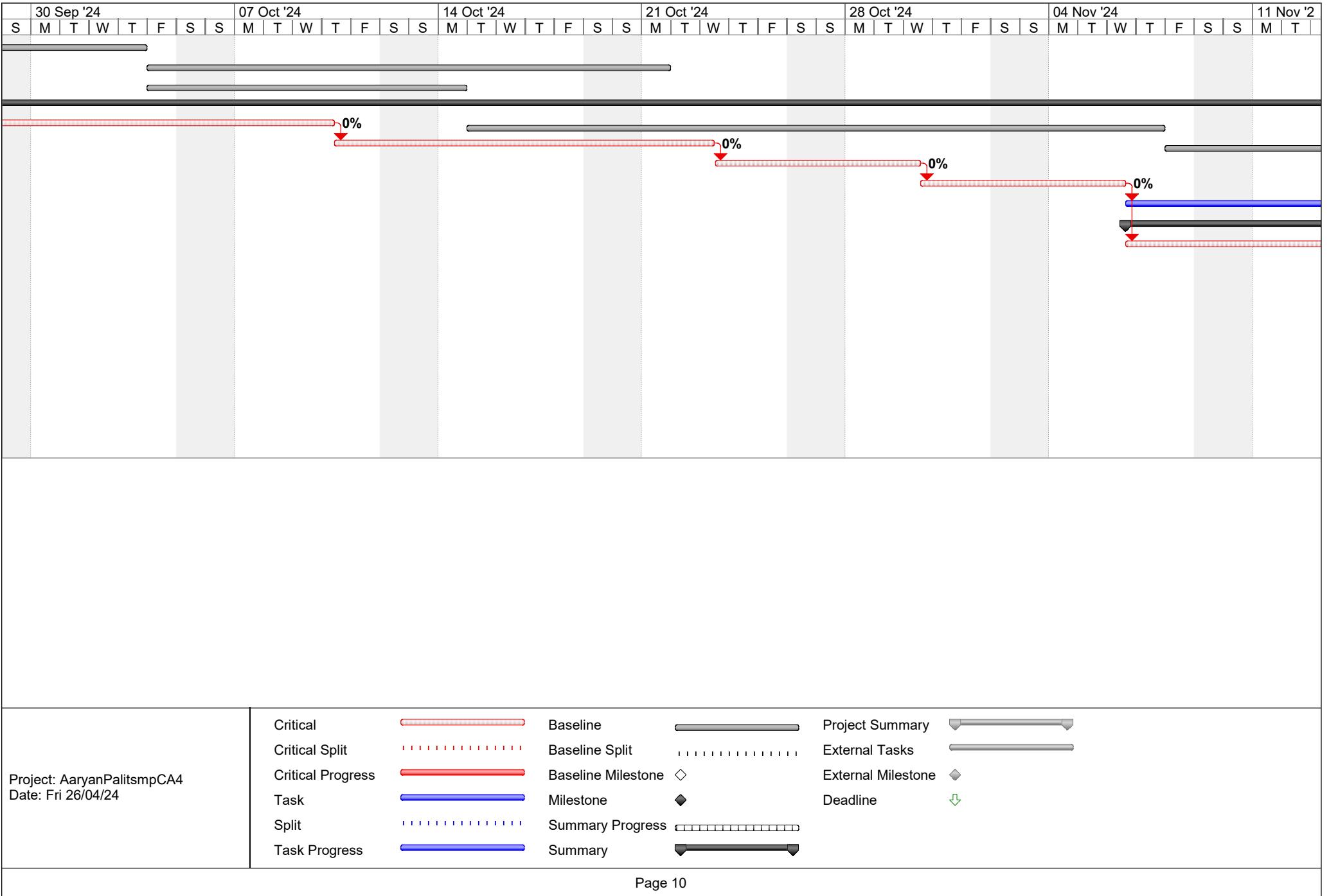
Project: AaryanPalitsmpCA4
Date: Fri 26/04/24

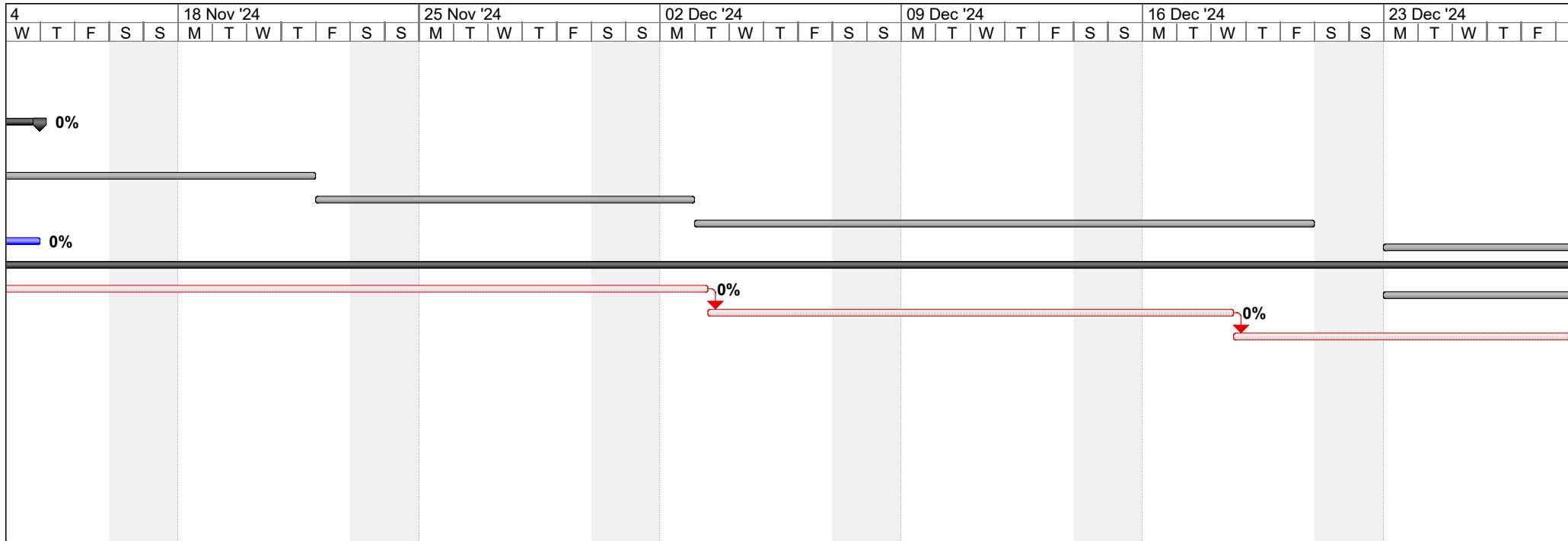


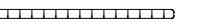


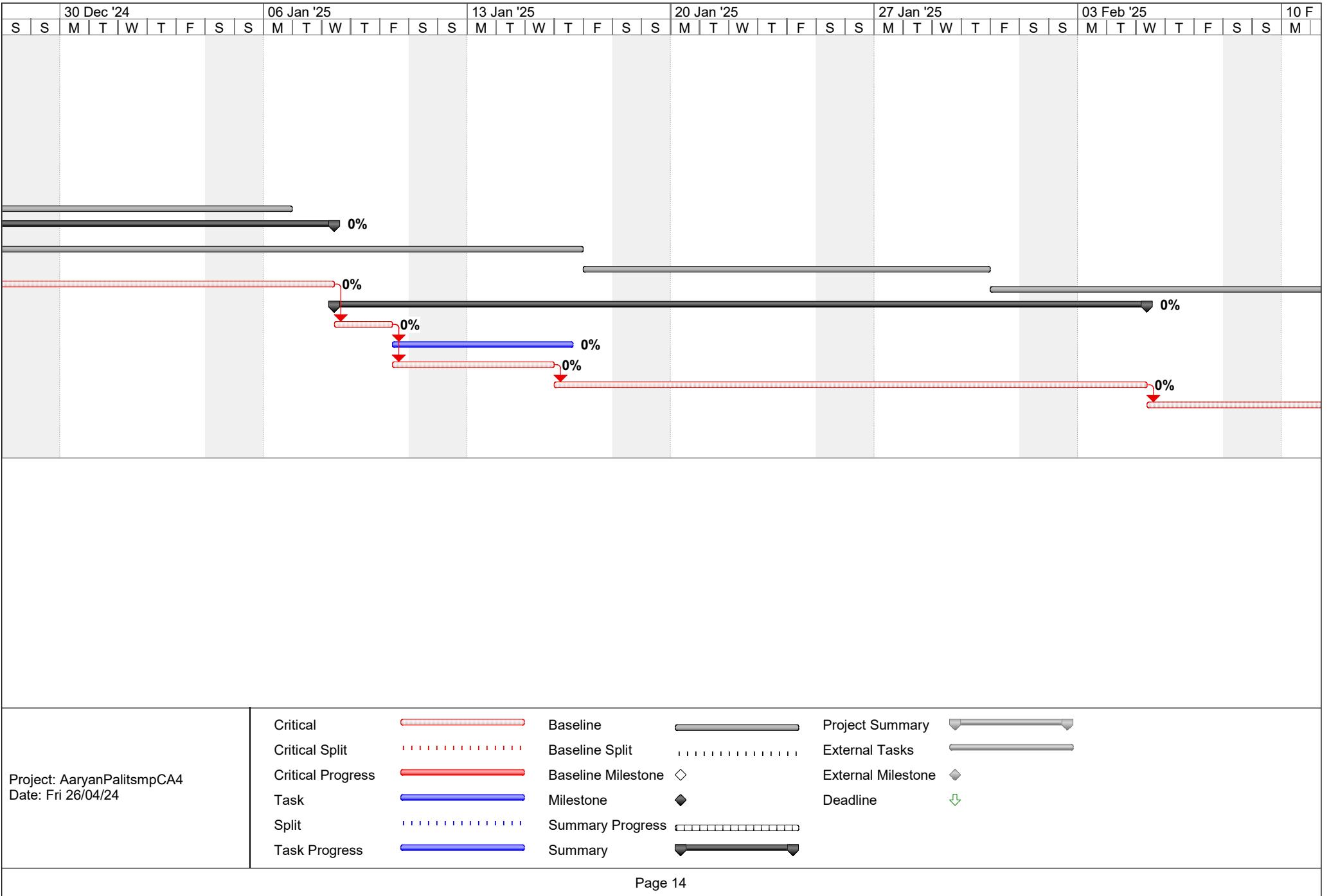


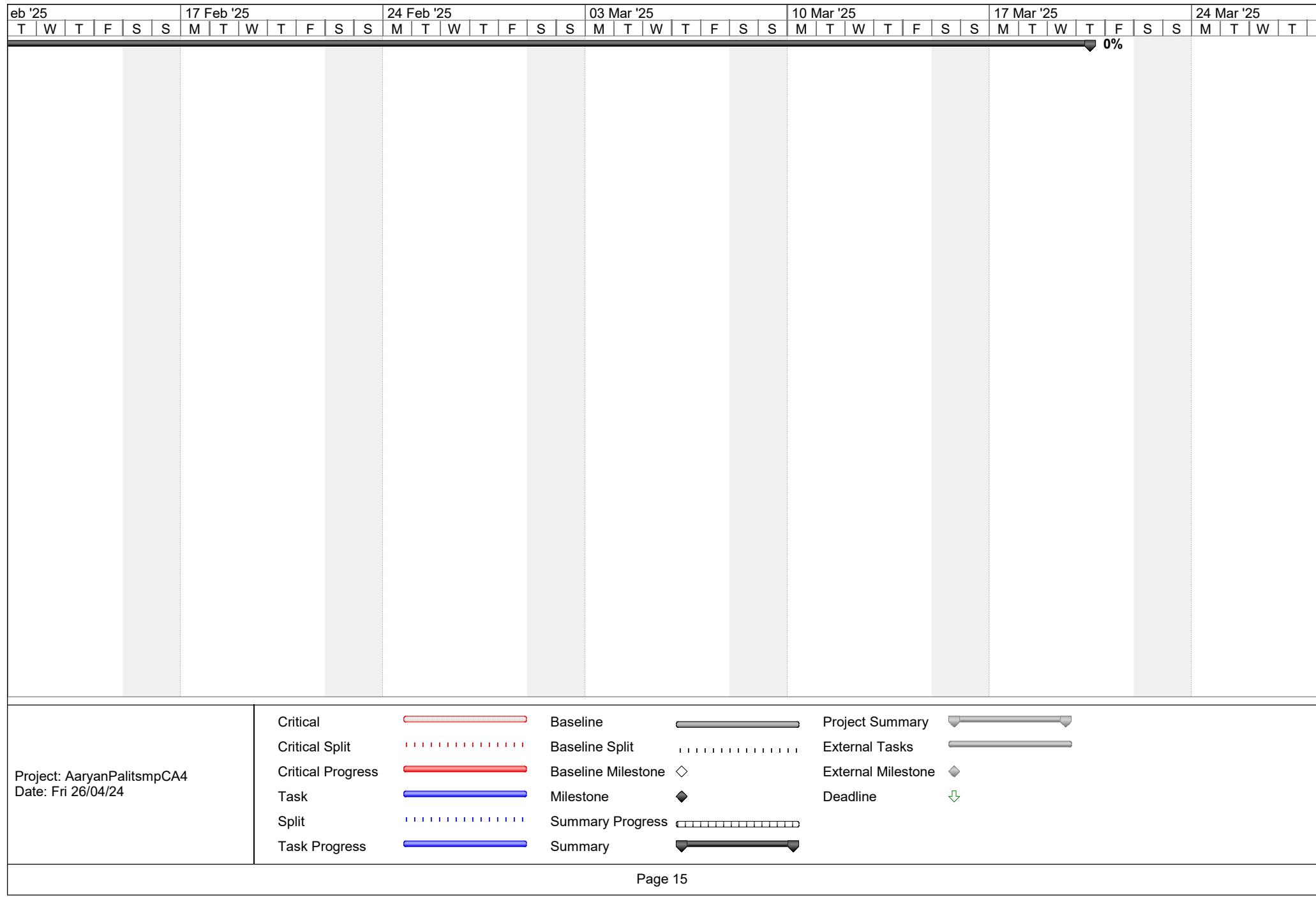
Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Critical		Baseline		Project Summary	
	Critical Split		Baseline Split		External Tasks	
	Critical Progress		Baseline Milestone		External Milestone	
	Task		Milestone		Deadline	
	Split		Summary Progress			
	Task Progress		Summary			

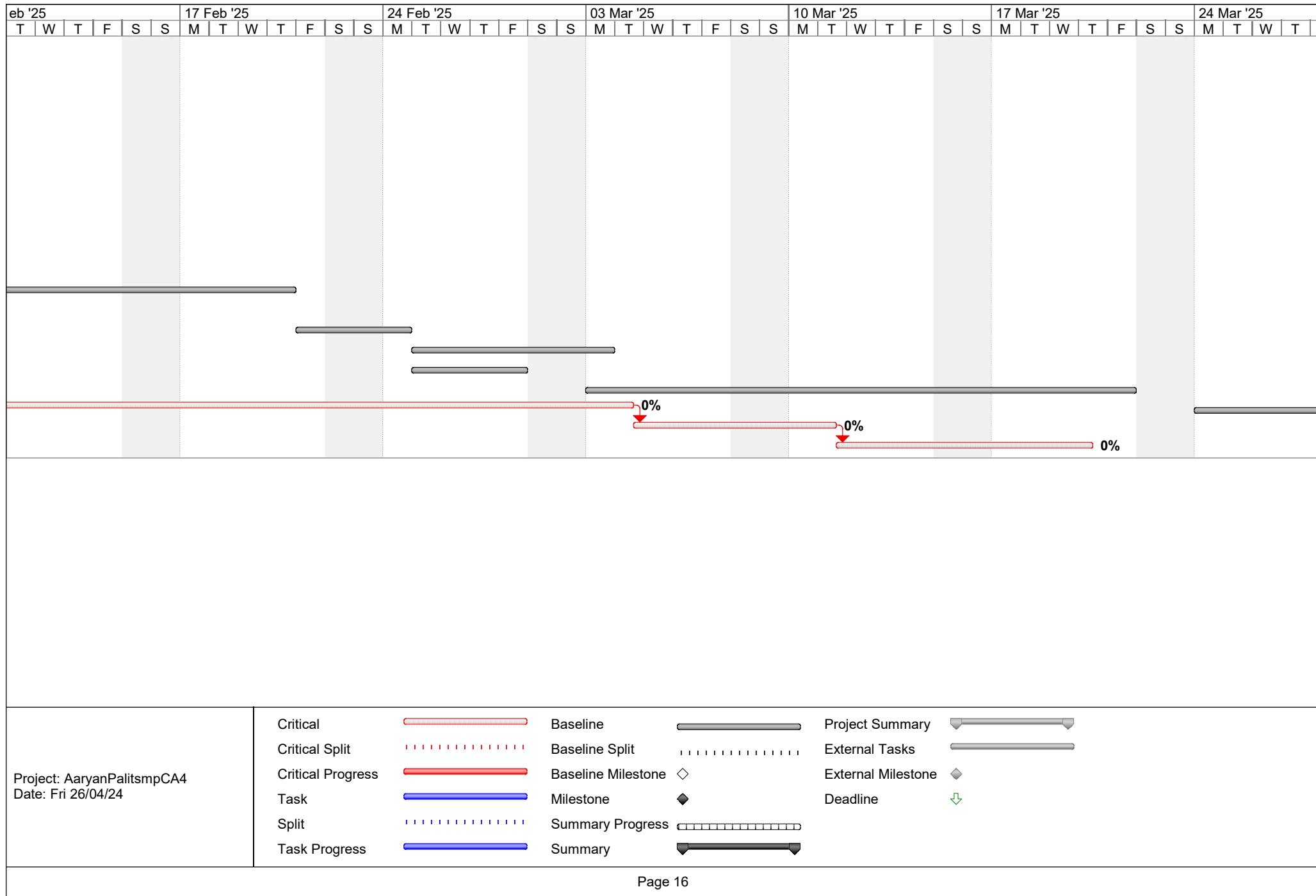




Project: AaryanPalitsmpCA4 Date: Fri 26/04/24	Critical		Baseline		Project Summary	
	Critical Split		Baseline Split		External Tasks	
	Critical Progress		Baseline Milestone		External Milestone	
	Task		Milestone		Deadline	
	Split		Summary Progress			
	Task Progress		Summary			







AaryanPalitsmpCA4					
ID	Task Name	Duration	Optimistic Dur.	Expected Dur.	Pessimistic Dur.
1	0. WhatsApp Application	234.5 days	192 days	226 days	259 days
2	1. Analysis of Requirements	13.67 days	7 days	15 days	15 days
3	1.1 Requirements Gathering	7.5 days	5 days	8 days	8 days
4	1.2 Requirements Analysis	4.5 days	2 days	5 days	5 days
5	1.3 Decision Making	1.67 days	0 days	2 days	2 days
6	2. Hiring/Renting	34.83 days	23 days	37 days	38 days
7	2.1 Need analysis	1.83 days	1 day	2 days	2 days
8	2.2 Hiring of team	6.83 days	6 days	7 days	7 days
9	2.3 Hiring freelancers	7.67 days	6 days	8 days	8 days
10	2.4 Training needs	15.17 days	10 days	16 days	17 days
11	2.4 Renting new equipment	3.33 days	0 days	4 days	4 days
12	3. Team Formation	6.33 days	5 days	6 days	9 days
13	3.1 Team meeting	1.17 days	1 day	1 day	2 days
14	3.2 Strategy Formation	4 days	3 days	4 days	5 days
15	3.3 Work allocation	1.17 days	1 day	1 day	2 days
16	4. Designing	17 days	17 days	17 days	17 days
17	4.1 Team meeting	1 day	1 day	1 day	1 day
18	4.2 Design strategy	6 days	6 days	6 days	6 days
19	4.3 Designing interface	8 days	8 days	8 days	8 days
20	4.3 Design application	2 days	2 days	2 days	2 days
21	5. Hardware allocation	20.5 days	20 days	20 days	23 days
22	5.1 Renting equipment	2.17 days	2 days	2 days	3 days
23	5.2 Buying the hardware	2.17 days	2 days	2 days	3 days
24	5.3 Buying components	2.17 days	2 days	2 days	3 days
25	5.4 Quality checks	2.17 days	2 days	2 days	3 days
26	5.5 Setting up tools	5 days	5 days	5 days	5 days
27	5.6 Dependencies	5.17 days	5 days	5 days	6 days
28	5.7 Final System	6 days	6 days	6 days	6 days
29	6. Coding	45.67 days	41 days	41 days	45 days
30	6.1 Analysis of requirements	4.33 days	4 days	4 days	6 days
31	6.2 Coding the interface	10.17 days	10 days	10 days	11 days
32	6.3 Unit Testing	7 days	7 days	7 days	7 days
33	6.4 Combining modules	7 days	7 days	7 days	7 days
34	6.5 Dependencies	4.5 days	4 days	4 days	7 days
35	6.6 Resolving technical issues	8.67 days	9 days	9 days	7 days
36	6.7 Resolving legal issues	4 days	4 days	4 days	4 days
37	7. Security and Firewall	49.5 days	40 days	40 days	45 days
38	7.1 End-to-end testing	24.83 days	16 days	16 days	17 days
39	7.2 Data Security	9.17 days	9 days	9 days	10 days
40	7.3 Firmware configuration	5.17 days	5 days	5 days	6 days
41	7.4 Image and video processing	5.17 days	5 days	5 days	6 days
42	7.5 Testing each module	5.17 days	5 days	5 days	6 days
43	8. Testing	44.5 days	30 days	44 days	61 days
44	8.1 Unit Testing	18.33 days	14 days	19 days	20 days
45	8.2 Integration testing	11.67 days	9 days	10 days	21 days
46	8.3 System Testing	14.5 days	7 days	15 days	20 days
47	9. Maintenance and Support	19.83 days	14 days	21 days	21 days
48	9.1 Application support	2 days	2 days	2 days	2 days
49	9.2 System checks	4.5 days	2 days	5 days	5 days
50	9.3 Security Checks	3.67 days	2 days	4 days	4 days
51	9.3 Updating the system	14.17 days	10 days	15 days	15 days
52	10. Advertisement	19.67 days	18 days	20 days	20 days
53	11. Report Generation	5 days	5 days	5 days	5 days
54	12. Report Analysis	6.67 days	5 days	7 days	7 days